

Abstract of the Disclosure

Blood is purified by removing the whole blood from a patient and feeding the blood into a manifold in a centrifuge. A purifying chamber is formed in the centrifuge from a plurality of co-arcuately arranged modules. The blood is supplied from the manifold to each of the modules. Each module contains a stack of dialysate membranes. Fresh dialysate is fed into the manifold and then to each of the modules. Under centrifugal force the cells are separated from the plasma. The plasma is purified by removing contaminants as a result of the action of the dialysate and membranes. The purified blood is returned to the patient by being fed back to the manifold and then to the patient. The used dialysate/contaminants are fed from the modules back to the manifold and out of the centrifuge.

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